

DERWENT-ACC-NO: 1988-141182

DERWENT-WEEK: 198821

COPYRIGHT 2005 DERWENT INFORMATION LTD

TITLE: Guard clamp for manual power angle grinder  
etc. - has split clamp ring with bores in outward flanges  
for clamp bolt with nut and pivot in head for swivel  
lever

INVENTOR: GOCMEZ, M; STAMMELE, S

PATENT-ASSIGNEE: LICENTIA PATENT-VERW GMBH[LICN]

PRIORITY-DATA: 1986DE-3638337 (November 10, 1986)

PATENT-FAMILY:

PUB-NO	MAIN-IPC	PUB-DATE	LANGUAGE
<u>DE 3638337</u> A		May 19, 1988	N/A
003	N/A		
<u>DE 3638337</u> C		January 18, 1990	N/A
000	N/A		

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
DE 3638337A	N/A	1986DE-3638337
November 10, 1986		

INT-CL (IPC): B24B055/05

ABSTRACTED-PUB-NO: DE 3638337A

BASIC-ABSTRACT:

The fixture for adjustably clamping a protective guard (12) on the boss at the spindle end of an angle grinder, or similar power tool, comprises a split clamp ring (1) with bores (4) in outwards flange portions (2,3) for a clamp bolt (5) with a nut (11) at one side (2).

The bolt head on the other side (3) has a transverse bore (6) on its

centre

line (5') for a pivot (7) of a swivel lever (8) with a forked end (9), having an eccentric contour (8') such that inwards swivel of the lever provides the final clamping action.

ADVANTAGE - Simple adjustment of the guard without additional tools.

ABSTRACTED-PUB-NO: DE 3638337C

EQUIVALENT-ABSTRACTS:

Clamp ring has bored feet traversed by a threaded adjusting bolt which has a rightangled swivel axis for an excentric lever end fork plus a nut. The bolt sectors for the axis and the nut are on the far sides of the respective ring feet. A boss (16) on the ring (1) or the collar part (12') of the cowl (12) joined to the ring should engage a peripheral groove (15) on the tool spindle neck. USE/ADVANTAGE - Grinding, angle sanders etc. Gowl immovably locked to tool spindle to prevent misguided removal, slippage etc.

(3pp)

CHOSEN-DRAWING: Dwg.1/4

TITLE-TERMS: GUARD CLAMP MANUAL POWER ANGLE GRIND SPLIT CLAMP RING  
BORE OUTWARD

FLANGE CLAMP BOLT NUT PIVOT HEAD SWIVEL LEVER

DERWENT-CLASS: P61

SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1988-107792

3638337

Fig. 3

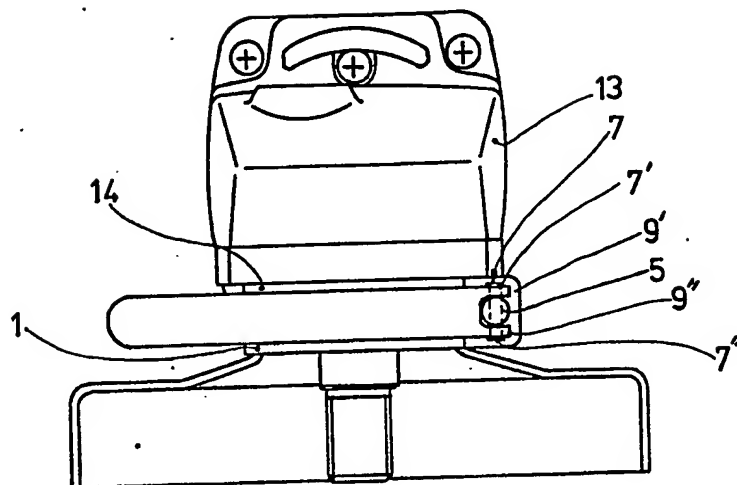


Fig. 1

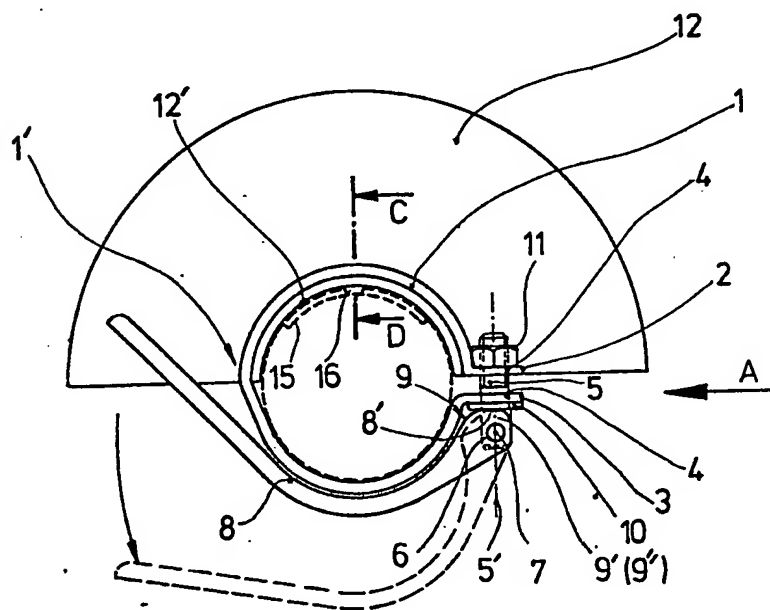
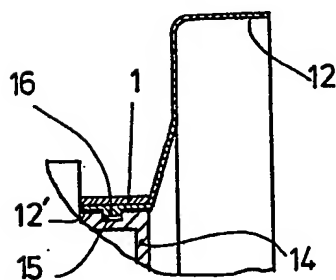


Fig. 4



Schnitt C-D

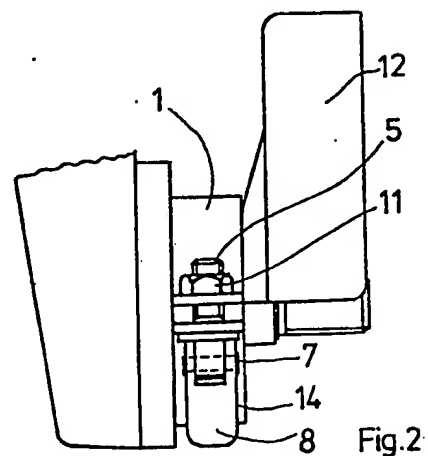


Fig. 2